

REMARKS

Claims 1 and 3-42 remain pending in the current application. No amendment to the claims are made in this response, thus, no new matter is introduced.

In the Section 3 of the Office Action, the Examiner rejects claims 1, 3-6, 8, 10-14, and 18-42 under 35 U.S.C. §102(e) as being anticipated by Marrah et al. (US 6,728,522).

Applicant respectfully disagrees with the assertion of the Examiner, and submits that the Marrah et al. reference neither discloses nor suggests the key claim elements of storing a set of listener preferences, and using the stored listener preferences as a predetermined selection criteria to select a group of broadcast signals.

The Examiner states that Marrah et al. discloses and suggests storing a set of listener preferences (col. 1, lines 56-60) and using the stored listener preferences as a predetermined selection criteria to select a group of broadcast signals, citing col. 1, lines 62-65.

Applicant concedes that what is described in col. 1, lines 56-60 (i.e., a “geographic identification code”) corresponds to the claim element “a current location of the receiver” in the present invention. However, Applicant respectfully submits that the additional claim element of “a set of listener preferences” is not provided by the Marrah et al. reference. In order for Marrah et al. to anticipate the present invention, it must provide all of the claim elements.

Applicant clearly describes what is meant by listener preferences in the Specification on page 9, lines 1-6 reproduced below:

Memory 26 also includes a set of listener preferences 28. As in a conventional receiver, listener preferences can include memorized station presets; volume balance, fader, base and treble settings, etc. In addition to the conventional preferences, listener preferences 28 can include user defined programming choices, such as specific syndicated programming (e.g., Rush Limbaugh, Dr. Laura Schlessinger, Bob and Tom, Money Talk, etc.), which can be assigned to user definable pushbutton controls on receiver 12.

Thus, “listener preferences”, as specifically enumerated in the Specification of the present invention, does not include the “current location of the receiver”, as claimed by the Examiner. Rather, listener preferences (i.e., user preferences), typically include specific programming choices, such as program formats or programs that are of special interest to a user. In the case of Marrah et al., there are not multiple program formats. The database of weather channels utilized by Marrah et al. is specifically directed to only one programming choice (i.e., weather).

In summary, the present invention includes three necessary elements (1 - the current location of the receiver; 2 – a database of broadcast sources for a plurality of broadcast locations; and 3 - a set of listener preferences) that are used as the predetermined selection criteria for selecting a group of broadcast signals as described in claim 1. Applicant submits that while Marrah et al. does provide element 1, 2, it does not provide element 3 (e.g., the set of listener preferences). Applicant respectfully submits that the passage cited by the Examiner corresponds to the “current location of the receiver” rather than a set of “listener preferences”, and that Marrah et al. does not anticipate listener preferences, as claimed in the present invention. Applicant further submits that claim 1 of the present invention is allowable for this reason.

Similarly, independent claim 35 also requires a set of listener preferences, which, for reasons stated above, are missing from the Marrah et al. reference. Thus, Applicant submits that independent claim 35 is also allowable.

Applicant will now specifically address the Examiner's response to arguments provided by Applicant in his April 7, 2005 response. For all claims not specifically addressed by the Examiner's response to arguments, Applicant reiterates, by reference, the arguments if the response filed April 7, 2005.

Applicant asserts that Marrah et al. does not distinguish between the program formats of the channels, as required by claim 3, since all of the channels in the database are exclusively weather related. The Examiner disagrees with the Applicant's assertion that all of the channels in the database are not exclusively weather related, stating that the channels are also used for AM and/or FM broadcast signals (citing column 3, lines 12-14).

Applicant respectfully submits that the database described by the Examiner and utilized by Marrah et al. (e.g., the Specific Area Message Encoding or SAME database provided by the National Oceanic and Atmospheric Administration (NOAA)) is **exclusively used for continuous weather and emergency related update to local geographic regions, and nothing else** (see Marrah et al., col. 1 lines 15-17, and col. 1 lines 35-37). The SAME database is specifically architected for weather information broadcast on 7 frequencies (162.400, 162.425, 162.450, 162.475, 162.500, 162.525 and 162.550 MHz), and cannot accommodate the frequencies utilized by AM and FM radio stations in the US.

Marrah et al. neither discloses nor suggests the use of the SAME system to distinguish between program formats for the channels, since all of the channels in the SAME database are the same format (i.e., weather related). The passage cited by the Examiner merely states that an existing AM/FM car radio may also include a weather band, and nothing more. The passage does not disclose nor suggest any integration of existing AM or FM stations into a database that is exclusively weather related.

With regard to claim 5, Applicant submits that Marrah et al. neither discloses nor suggests that the current location of receiver entered by the listener is a zip code. The Examiner disagrees, citing column 1, lines 52-56.

The passage cited by the Examiner makes no mention whatsoever of zip codes. Further, attached in Appendix A of this paper is a list of SAME database codes provided by NOAA for the state of Minnesota. As shown, the SAME system does not even use zip codes, rather the SAME system utilizes a six digit numeric code that corresponds to a county to specify the current location of the receiver. For this reason, claim 5 is submitted as being in condition for allowance.

With regard to claim 8, Applicant states that Marrah et al. neither discloses nor suggests the current location of the device being entered by the listener of a keypad integral to the device. The Examiner disagrees, citing col. 1, lines 62-65 of Marrah et al.

Applicant respectfully submits that the passage cited by the Examiner makes no reference at all to a keypad integral to the device. In fact, the passage only makes a general statement that when the radio is transmitted from one region to another region, it must be reprogrammed by the user. There is nothing in the passage that describes how this occurs. In fact, there are numerous ways by which the unit could be reprogrammed (e.g., voice command, via a flash memory card or computer disk, etc.) which do not involve the use of a keyboard integral to the device. For this reason, claim 8 is submitted as being in condition for allowance.

With regard to claim 13, the Applicant submits that Marrah et al. neither discloses nor suggests that the current location of the receiver is provided by a cellular phone internal to the apparatus. The Examiner disagrees, citing col. 2, lines 59-63 of Marrah et al.

The Applicant respectfully disagrees that the passage cited by the Examiner describes an apparatus wherein the current location of the receiver is provided by a cellular phone internal to the apparatus. The Marrah et al. passage cited by the Examiner merely states that the weather band radio may be employed as a separate stand alone device such as a portable hand held device. There is no discussion whatsoever of cellular phones in any context in this passage, much less in the context wherein the cellular phone provides the location of the receiver. Handheld devices can take several forms that have nothing to do with cellular phones (e.g., portable handheld radios, handheld PDA's, etc.). For this reason, claim 13 is submitted as in condition for allowance.

For these reasons, claims 7, 9 and 15-17 are now submitted as allowable.

In Section 21 of the Office Action, the Examiner rejects claims 7, 9, and 15-17 under 35 U.S.C. §103(a) as being unpatentable over Marrah et al. (US 6,728,522).

Applicant respectfully submits that the rejection of claims 7 and 9 is improper, since the passages cited by the Examiner (col. 3-4, lines 65-21 with regard to claim 7 and col. 3, lines 1-10 with regard to claim 9) make no mention of city codes or the use of voice input. As described previously, and shown in Appendix A, same codes are currently done on a county basis, not a city basis.

With regard to claims 15-17, the Examiner concedes that Marrah does not utilize a CD-ROM disk, a CD-RW disk or a writable DVD. The Examiner states that the database of broadcast services is provided to the receiver by a removable memory module, yet the passage cited by the Examiner (col. 5, lines 45-50), makes no mention of a memory module in any context.

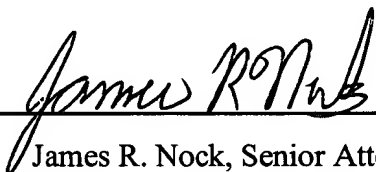
For these reasons, claims 7, 9 and 15-17 are now submitted as allowable.

CONCLUSION

In view of the foregoing comments and amendments, the Applicants respectfully submit that all of the pending claims (i.e., claims 1 and 3-42) are in condition for allowance and that the application should be passed to issue.

Date: September 30, 2005


Respectfully submitted,

By: 
James R. Nock, Senior Attorney
Registration No.: 42,937
IBM Corporation - Department 917
3605 Highway 52 North
Rochester, Minnesota 55901-7829

Telephone: (507) 253-4661
Fax No.: (507) 253-2382

Appendix A – NOAA Weather Radio – Minnesota County Coverage

weather.gov




NOAA's National Weather Service

NOAA Weather Radio

[Site Map](#)
[News](#)
[Organization](#)

[Search](#)



Minnesota

County Coverage

[Print](#)

| <u>COUNTY/CITY/AREA</u> | <u>SAME #</u> | <u>NWR TRANSMITTER</u> | <u>FREQ.</u> | <u>CALL SIGN</u> | <u>WATTS</u> | <u>REMARKS</u> |
|-------------------------|---------------|--------------------------|--------------|------------------|--------------|----------------|
| Aitkin | 027001 | Aitkin, MN | 162.450 | KZZ84 | 1000 | North 1/2 |
| Aitkin | 027001 | Coleraine, MN | 162.400 | KZZ29 | 1000 | 1/2 North |
| Aitkin | 027001 | Pine City, MN | 162.425 | WNG678 | 1000 | Southern 1/2 |
| Anoka | 027003 | Clearwater, MN | 162.500 | WNG676 | 1000 | |
| Anoka | 027003 | Minneapolis/St. Paul, MN | 162.550 | KEC65 | 1000 | |
| Anoka | 027003 | Pine City, MN | 162.425 | WNG678 | 1000 | |
| Becker | 027005 | Detroit Lakes, MN | 162.400 | WXM64 | 300 | |
| Becker | 027005 | Fergus Falls, MN | 162.500 | WNG680 | 1000 | |
| Becker | 027005 | Park Rapids, MN | 162.475 | WWG98 | 1000 | |
| Becker | 027005 | Waubun, MN | 162.450 | WNG610 | 300 | |
| Beltrami | 027007 | Bemidji, MN | 162.425 | WXM99 | 1000 | |
| Beltrami | 027007 | Roosevelt, MN | 162.450 | WWF45 | 190 | |
| Beltrami | 027007 | Thief River Falls, MN | 162.550 | WXK43 | 1000 | |
| Benton | 027009 | Clearwater, MN | 162.500 | WNG676 | 1000 | |
| Benton | 027009 | St. Cloud, MN | 162.400 | WXL65 | 1000 | |
| Benton | 027009 | Willmar, MN | 162.475 | WXK44 | 1000 | |
| Big Stone | 027011 | Appleton, MN | 162.550 | KXI32 | 1000 | |
| Big Stone | 027011 | Kensington, MN | 162.400 | WNG707 | 1000 | |
| Big Stone | 027011 | South Shore, SD | 162.425 | WXM41 | 1000 | |
| Blue Earth | 027013 | Mankato, MN | 162.400 | WXK40 | 1000 | |
| Blue Earth | 027013 | New Ulm, MN | 162.525 | KXI39 | 1000 | |
| Brown | 027015 | Jeffers, MN | 162.450 | KXI31 | 1000 | |
| Brown | 027015 | Mankato, MN | 162.400 | WXK40 | 1000 | |
| Brown | 027015 | New Ulm, MN | 162.525 | KXI39 | 1000 | |
| Brown | 027015 | Olivia, MN | 162.400 | WNG711 | 300 | |
| Carlton | 027017 | Aitkin, MN | 162.450 | KZZ84 | 1000 | |
| Carlton | 027017 | Duluth, MN | 162.550 | KIG64 | 1000 | |
| Carver | 027019 | Clearwater, MN | 162.500 | WNG676 | 1000 | |
| Carver | 027019 | Minneapolis/St. Paul, MN | 162.550 | KEC65 | 1000 | |
| Carver | 027019 | Norwood, MN | 162.425 | WNG685 | 300 | |
| Cass | 027021 | Coleraine, MN | 162.400 | KZZ29 | 1000 | North |
| Cass | 027021 | Leader, MN | 162.550 | WXJ64 | 1000 | |
| Cass | 027021 | Long Prairie, MN | 162.525 | WNG673 | 1000 | |
| Chippewa | 027023 | Appleton, MN | 162.550 | KXI32 | 1000 | |
| Chippewa | 027023 | Olivia, MN | 162.400 | WNG711 | 300 | |
| Chippewa | 027023 | Willmar, MN | 162.475 | WXK44 | 1000 | |
| Chisago | 027025 | Minneapolis/St. Paul, MN | 162.550 | KEC65 | 1000 | S |
| Chisago | 027025 | Pine City, MN | 162.425 | WNG678 | 1000 | |
| Clay | 027027 | Detroit Lakes, MN | 162.400 | WXM64 | 300 | |
| Clay | 027027 | Fargo, ND | 162.475 | WXK42 | 1000 | |
| Clay | 027027 | Fergus Falls, MN | 162.500 | WNG680 | 1000 | |
| Clearwater | 027029 | Bemidji, MN | 162.425 | WXM99 | 1000 | |
| Clearwater | 027029 | Thief River Falls, MN | 162.550 | WXK43 | 1000 | |
| Cook | 027031 | Grand Marais, MN | 162.450 | KXI43 | 300 | |
| Cook | 027031 | Gun Flint Lake, MN | 162.525 | KXI45 | 300 | |

| | | | | | | |
|-------------------|--------|--------------------------|---------|--------|------|-------|
| Cottonwood | 027033 | Jeffers, MN | 162.450 | KXI31 | 1000 | |
| Cottonwood | 027033 | New Ulm, MN | 162.525 | KXI39 | 1000 | |
| Crow Wing | 027035 | Aitkin, MN | 162.450 | KZZ84 | 1000 | |
| Crow Wing | 027035 | Leader, MN | 162.550 | WXJ64 | 1000 | N |
| Crow Wing | 027035 | Long Prairie, MN | 162.525 | WNG673 | 1000 | |
| Dakota | 027037 | Minneapolis/St. Paul, MN | 162.550 | KEC65 | 1000 | |
| Dodge | 027039 | Rochester, MN | 162.475 | WXK41 | 1000 | |
| Douglas | 027041 | Kensington, MN | 162.400 | WNG707 | 1000 | |
| Douglas | 027041 | Long Prairie, MN | 162.525 | WNG673 | 1000 | |
| Faribault | 027043 | Mankato, MN | 162.400 | WXK40 | 1000 | |
| Faribault | 027043 | New Ulm, MN | 162.525 | KXI39 | 1000 | |
| Faribault | 027043 | Ringsted, IA | 162.475 | WNG688 | 300 | |
| Fillmore | 027045 | Decorah, IA | 162.525 | KXI60 | 300 | |
| Fillmore | 027045 | Rochester, MN | 162.475 | WXK41 | 1000 | |
| Freeborn | 027047 | Mankato, MN | 162.400 | WXK40 | 1000 | |
| Freeborn | 027047 | St. Ansgar, IA | 162.450 | KXI68 | 1000 | |
| Goodhue | 027049 | Rochester, MN | 162.475 | WXK41 | 1000 | |
| Grant | 027051 | Fergus Falls, MN | 162.500 | WNG680 | 1000 | |
| Grant | 027051 | Kensington, MN | 162.400 | WNG707 | 1000 | |
| Hennepin | 027053 | Clearwater, MN | 162.500 | WNG676 | 1000 | |
| Hennepin | 027053 | Minneapolis/St. Paul, MN | 162.550 | KEC65 | 1000 | |
| Hennepin | 027053 | Norwood, MN | 162.425 | WNG685 | 300 | |
| Houston | 027055 | Decorah, IA | 162.525 | KXI60 | 300 | |
| Houston | 027055 | Rochester, MN | 162.475 | WXK41 | 1000 | |
| Hubbard | 027057 | Bemidji, MN | 162.425 | WXM99 | 1000 | N 1/2 |
| Hubbard | 027057 | Park Rapids, MN | 162.475 | WWG98 | 1000 | |
| Hubbard | 027057 | Waubun, MN | 162.450 | WNG610 | 300 | |
| Isanti | 027059 | Clearwater, MN | 162.500 | WNG676 | 1000 | |
| Isanti | 027059 | Pine City, MN | 162.425 | WNG678 | 1000 | |
| Itasca | 027061 | Coleraine, MN | 162.400 | KZZ29 | 1000 | |
| Jackson | 027063 | Jeffers, MN | 162.450 | KXI31 | 1000 | |
| Jackson | 027063 | Milford, IA | 162.550 | KZZ80 | 300 | |
| Jackson | 027063 | New Ulm, MN | 162.525 | KXI39 | 1000 | |
| Kanabec | 027065 | Aitkin, MN | 162.450 | KZZ84 | 1000 | |
| Kanabec | 027065 | Pine City, MN | 162.425 | WNG678 | 1000 | |
| Kandiyohi | 027067 | Appleton, MN | 162.550 | KXI32 | 1000 | |
| Kandiyohi | 027067 | Olivia, MN | 162.400 | WNG711 | 300 | |
| Kandiyohi | 027067 | Willmar, MN | 162.475 | WXK44 | 1000 | |
| Kittson | 027069 | Lake Bronson, MN | 162.525 | WNG583 | 300 | |
| Kittson | 027069 | Thief River Falls, MN | 162.550 | WXK43 | 1000 | |
| Koochiching | 027071 | Elephant Lake, MN | 162.450 | KZZ44 | 300 | |
| Koochiching | 027071 | International Falls, MN | 162.550 | WXK45 | 1000 | |
| Lac qui Parle | 027073 | Appleton, MN | 162.550 | KXI32 | 1000 | |
| Lac qui Parle | 027073 | South Shore, SD | 162.425 | WXM41 | 1000 | |
| Lac qui Parle | 027073 | Willmar, MN | 162.475 | WXK44 | 1000 | |
| Lake | 027075 | Duluth, MN | 162.550 | KIG64 | 1000 | SW |
| Lake | 027075 | Ely, MN | 162.500 | KXI44 | 300 | N |
| Lake | 027075 | Finland, MN | 162.425 | WNG630 | 300 | |
| Lake | 027075 | Gun Flint Lake, MN | 162.525 | KXI45 | 300 | N |
| Lake of the Woods | 027077 | Roosevelt, MN | 162.450 | WWF45 | 190 | |
| Le Sueur | 027079 | Mankato, MN | 162.400 | WXK40 | 1000 | |
| Le Sueur | 027079 | Norwood, MN | 162.425 | WNG685 | 300 | |
| Lincoln | 027081 | Russell, MN | 162.500 | KXI50 | 1000 | |
| Lyon | 027083 | Russell, MN | 162.500 | KXI50 | 1000 | |
| McLeod | 027085 | Clearwater, MN | 162.500 | WNG676 | 1000 | |
| McLeod | 027085 | New Ulm, MN | 162.525 | KXI39 | 1000 | |
| McLeod | 027085 | Norwood, MN | 162.425 | WNG685 | 300 | |
| McLeod | 027085 | Willmar, MN | 162.475 | WXK44 | 1000 | |
| Mahnomen | 027087 | Detroit Lakes, MN | 162.400 | WXM64 | 300 | |
| Mahnomen | 027087 | Waubun, MN | 162.450 | WNG610 | 300 | |

| | | | | | | |
|------------|--------|--------------------------|---------|--------|------|--------|
| Marshall | 027089 | Petersburg, ND | 162.400 | WXM38 | 1000 | W 1/2 |
| Marshall | 027089 | Thief River Falls, MN | 162.550 | WXK43 | 1000 | |
| Martin | 027091 | Mankato, MN | 162.400 | WXK40 | 1000 | |
| Martin | 027091 | New Ulm, MN | 162.525 | KXI39 | 1000 | |
| Martin | 027091 | Ringsted, IA | 162.475 | WNG688 | 300 | |
| Meeker | 027093 | Clearwater, MN | 162.500 | WNG676 | 1000 | |
| Meeker | 027093 | Norwood, MN | 162.425 | WNG685 | 300 | |
| Meeker | 027093 | Willmar, MN | 162.475 | WXK44 | 1000 | |
| Mille Lacs | 027095 | Aitkin, MN | 162.450 | KZZ84 | 1000 | |
| Mille Lacs | 027095 | Clearwater, MN | 162.500 | WNG676 | 1000 | |
| Mille Lacs | 027095 | Pine City, MN | 162.425 | WNG678 | 1000 | |
| Mille Lacs | 027095 | St. Cloud, MN | 162.400 | WXL65 | 1000 | S |
| Morrison | 027097 | Aitkin, MN | 162.450 | KZZ84 | 1000 | |
| Morrison | 027097 | Long Prairie, MN | 162.525 | WNG673 | 1000 | |
| Mower | 027099 | Rochester, MN | 162.475 | WXK41 | 1000 | |
| Mower | 027099 | St. Ansgar, IA | 162.450 | KXI68 | 1000 | |
| Murray | 027101 | Fulda, MN | 162.425 | WNG702 | 300 | |
| Murray | 027101 | Jeffers, MN | 162.450 | KXI31 | 1000 | |
| Murray | 027101 | Russell, MN | 162.500 | KXI50 | 1000 | |
| Nicollet | 027103 | Mankato, MN | 162.400 | WXK40 | 1000 | |
| Nicollet | 027103 | New Ulm, MN | 162.525 | KXI39 | 1000 | |
| Nicollet | 027103 | Norwood, MN | 162.425 | WNG685 | 300 | |
| Nobles | 027105 | Fulda, MN | 162.425 | WNG702 | 300 | |
| Nobles | 027105 | Jeffers, MN | 162.450 | KXI31 | 1000 | |
| Nobles | 027105 | Sioux Falls, SD | 162.400 | WXM28 | 1000 | |
| Norman | 027107 | Detroit Lakes, MN | 162.400 | WXM64 | 300 | |
| Norman | 027107 | Fargo, ND | 162.475 | WXK42 | 1000 | |
| Norman | 027107 | Waubun, MN | 162.450 | WNG610 | 300 | |
| Olmsted | 027109 | Rochester, MN | 162.475 | WXK41 | 1000 | |
| Otter Tail | 027111 | Detroit Lakes, MN | 162.400 | WXM64 | 300 | |
| Otter Tail | 027111 | Leader, MN | 162.550 | WXJ64 | 1000 | |
| Otter Tail | 027111 | Long Prairie, MN | 162.525 | WNG673 | 1000 | |
| Pennington | 027113 | Thief River Falls, MN | 162.550 | WXK43 | 1000 | |
| Pine | 027115 | Aitkin, MN | 162.450 | KZZ84 | 1000 | |
| Pine | 027115 | Duluth, MN | 162.550 | KIG64 | 1000 | NE 1/4 |
| Pine | 027115 | Pine City, MN | 162.425 | WNG678 | 1000 | |
| Pine | 027115 | Spooner, WI | 162.475 | KZZ79 | 1000 | |
| Pipestone | 027117 | Russell, MN | 162.500 | KXI50 | 1000 | |
| Pipestone | 027117 | Sioux Falls, SD | 162.400 | WXM28 | 1000 | |
| Polk | 027119 | Grand Forks, ND | 162.475 | WWF83 | 50 | W 1/2 |
| Polk | 027119 | Thief River Falls, MN | 162.550 | WXK43 | 1000 | |
| Pope | 027121 | Appleton, MN | 162.550 | KXI32 | 1000 | |
| Pope | 027121 | Kensington, MN | 162.400 | WNG707 | 1000 | |
| Pope | 027121 | Long Prairie, MN | 162.525 | WNG673 | 1000 | |
| Pope | 027121 | Willmar, MN | 162.475 | WXK44 | 1000 | |
| Ramsey | 027123 | Minneapolis/St. Paul, MN | 162.550 | KEC65 | 1000 | |
| Red Lake | 027125 | Thief River Falls, MN | 162.550 | WXK43 | 1000 | |
| Redwood | 027127 | Jeffers, MN | 162.450 | KXI31 | 1000 | |
| Redwood | 027127 | New Ulm, MN | 162.525 | KXI39 | 1000 | |
| Redwood | 027127 | Olivia, MN | 162.400 | WNG711 | 300 | |
| Redwood | 027127 | Russell, MN | 162.500 | KXI50 | 1000 | |
| Renville | 027129 | Appleton, MN | 162.550 | KXI32 | 1000 | |
| Renville | 027129 | New Ulm, MN | 162.525 | KXI39 | 1000 | |
| Renville | 027129 | Norwood, MN | 162.425 | WNG685 | 300 | |
| Renville | 027129 | Olivia, MN | 162.400 | WNG711 | 300 | |
| Renville | 027129 | Willmar, MN | 162.475 | WXK44 | 1000 | |
| Rice | 027131 | Mankato, MN | 162.400 | WXK40 | 1000 | |
| Rice | 027131 | Minneapolis/St. Paul, MN | 162.550 | KEC65 | 1000 | |
| Rock | 027133 | Sioux Falls, SD | 162.400 | WXM28 | 1000 | |
| Roseau | 027135 | Roosevelt, MN | 162.450 | WWF45 | 190 | |

| | | | | | | |
|-----------------|--------|--------------------------|---------|--------|------|---------------|
| Roseau | 027135 | Thief River Falls, MN | 162.550 | WXK43 | 1000 | |
| St. Louis | 027137 | Coleraine, MN | 162.400 | KZZ29 | 1000 | Northwest |
| St. Louis | 027137 | Duluth, MN | 162.550 | KIG64 | 1000 | Southeast |
| St. Louis | 027137 | Elephant Lake, MN | 162.450 | KZZ44 | 300 | Northwest |
| St. Louis | 027137 | International Falls, MN | 162.550 | WXK45 | 1000 | Northwest 1/4 |
| St. Louis | 027137 | Virginia, MN | 162.475 | KZZ45 | 300 | Northwest |
| Scott | 027139 | Minneapolis/St. Paul, MN | 162.550 | KEC65 | 1000 | |
| Scott | 027139 | Norwood, MN | 162.425 | WNG685 | 300 | |
| Sherburne | 027141 | Clearwater, MN | 162.500 | WNG676 | 1000 | |
| Sherburne | 027141 | St. Cloud, MN | 162.400 | WXL65 | 1000 | |
| Sibley | 027143 | New Ulm, MN | 162.525 | KXI39 | 1000 | |
| Sibley | 027143 | Norwood, MN | 162.425 | WNG685 | 300 | |
| Stearns | 027145 | Clearwater, MN | 162.500 | WNG676 | 1000 | |
| Stearns | 027145 | Long Prairie, MN | 162.525 | WNG673 | 1000 | |
| Stearns | 027145 | St. Cloud, MN | 162.400 | WXL65 | 1000 | |
| Stearns | 027145 | Willmar, MN | 162.475 | WXK44 | 1000 | |
| Steele | 027147 | Mankato, MN | 162.400 | WXK40 | 1000 | |
| Stevens | 027149 | Appleton, MN | 162.550 | KXI32 | 1000 | |
| Stevens | 027149 | Kensington, MN | 162.400 | WNG707 | 1000 | |
| Stevens | 027149 | Willmar, MN | 162.475 | WXK44 | 1000 | |
| Swift | 027151 | Appleton, MN | 162.550 | KXI32 | 1000 | |
| Swift | 027151 | Willmar, MN | 162.475 | WXK44 | 1000 | |
| Todd | 027153 | Leader, MN | 162.550 | WXJ64 | 1000 | N |
| Todd | 027153 | Long Prairie, MN | 162.525 | WNG673 | 1000 | |
| Traverse | 027155 | Kensington, MN | 162.400 | WNG707 | 1000 | |
| Traverse | 027155 | South Shore, SD | 162.425 | WXM41 | 1000 | |
| Wabasha | 027157 | Rochester, MN | 162.475 | WXK41 | 1000 | |
| Wadena | 027159 | Detroit Lakes, MN | 162.400 | WXM64 | 300 | |
| Wadena | 027159 | Leader, MN | 162.550 | WXJ64 | 1000 | |
| Wadena | 027159 | Long Prairie, MN | 162.525 | WNG673 | 1000 | |
| Wadena | 027159 | Park Rapids, MN | 162.475 | WWG98 | 1000 | |
| Waseca | 027161 | Mankato, MN | 162.400 | WXK40 | 1000 | |
| Washington | 027163 | Minneapolis/St. Paul, MN | 162.550 | KEC65 | 1000 | |
| Watsonwan | 027165 | Jeffers, MN | 162.450 | KXI31 | 1000 | |
| Watsonwan | 027165 | Mankato, MN | 162.400 | WXK40 | 1000 | |
| Watsonwan | 027165 | New Ulm, MN | 162.525 | KXI39 | 1000 | |
| Wilkin | 027167 | Fargo, ND | 162.475 | WXK42 | 1000 | |
| Wilkin | 027167 | Fergus Falls, MN | 162.500 | WNG680 | 1000 | |
| Winona | 027169 | LaCrosse, MN | 162.550 | WXJ86 | 1000 | |
| Winona | 027169 | Rochester, MN | 162.475 | WXK41 | 1000 | |
| Wright | 027171 | Clearwater, MN | 162.500 | WNG676 | 1000 | |
| Wright | 027171 | Minneapolis/St. Paul, MN | 162.550 | KEC65 | 1000 | |
| Wright | 027171 | Norwood, MN | 162.425 | WNG685 | 300 | |
| Wright | 027171 | Willmar, MN | 162.475 | WXK44 | 1000 | |
| Yellow Medicine | 027173 | Appleton, MN | 162.550 | KXI32 | 1000 | |
| Yellow Medicine | 027173 | Olivia, MN | 162.400 | WNG711 | 300 | |
| Yellow Medicine | 027173 | Russell, MN | 162.500 | KXI50 | 1000 | |
| Yellow Medicine | 027173 | Willmar, MN | 162.475 | WXK44 | 1000 | |

Español, News, General Info, Coverage Maps,
 Station Listings, Automated Voices, Receiver Info, SAME Coding,
 All Hazards, EAS, Report NWR Outages, Special Needs, FAQs

NOAA's National Weather Service
 1325 East West Highway
 Silver Spring, MD 20910
 Web Master's Email: Gary Banks
 Page Last Modified: 9/22/2005

Disclaimer
 Credits
 Glossary

Privacy Policy
 About Our Organization
 Career Opportunities